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**THE
NATIONAL
BOARD**
OF BOILER AND
PRESSURE VESSEL
INSPECTORS

NATIONAL BOARD INSPECTION CODE COMMITTEE

MINUTES

Meeting of January 14th, 2016
Corpus Christi, TX

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1. Call to Order

NBIC Committee Chair Mr. Don Cook called the meeting to order at 8:01am local time.

2. Introduction of Members and Visitors

Mr. Cook invited all members to introduce themselves and their company affiliation. Mr. Ernest Brantley was introduced as an alternate for Mr. Venus Newton. Mr. Stan Konopacki was introduced as an alternate for Mr. Brian Schulte. Mr. Darrel Graf was introduced as an alternate for Mr. Jim Riley. An attendance sheet was passed around, which is attached. (Attachment Pages 3-6)

3. Announcements

Mr. Cook thanked National Board Executive Director Dave Douin for the meeting arrangements and the Wednesday reception at the USS Lexington. Mr. Douin expressed his thanks for all those who contributed to the success of this NBIC Meeting. Mr. Cook recognized the host National Board member for this meeting, Mr. Rob Troutt. Mr. Cook recognized with a moment of silence NBIC members who couldn't attend the meeting due to family and health circumstances. He recognized Mr. Brian Moore, Mr. Randy Cauthon, and Mr. Buddy Dobbins. Mr. Cook announced that current letter ballot participation is low, and is affecting whether items are approved. He asked that all NBIC Committee members be diligent to vote on letter ballots to ensure the committee works efficiently. Mr. Cook announced that the July 2016 meeting is the deadline for content to be approved that will be included in the 2017 NBIC. He announced that all items that hope to be passed should be attached to the Main Committee agenda and submitted in their final form 30 days prior to the July NBIC meeting. Mr. Cook announced that for the January 2016 meeting action items that have been approved by their respective subcommittees will be addressed prior to action items that have not been approved. Mr. Cook notified the committee of the upcoming public review process that will begin in late summer 2016. He notified the members that there will be WebEx meetings in late Autumn 2016 to address public review comments. Mr. Cook mentioned that the NBIC Procedure, NB-240, was updated to revision 13 and is posted on the website. Mr. Cook notified the committee that a thirty minute training presentation on code writing and proposal formatting will be held before meetings begin on the Tuesday of the July 2016 meeting.

4. Adoption of the Agenda

Mr. Cook asked if there were any modifications or additions to the agenda. The following items were noted:

- Mr. Mooney requested that Ernest Brantley to SC Inspection
- Mr. Mooney requested that NB15-3501 in PRD, should be in Inspection
- Mr. Mooney requested NB15-0504 should be Supplement 10, not Supplement 11
- Mr. Galanes noted that John Siefert of EPRI had a 15 minute presentation regarding NB15-1403
- Several action items/interpretations were added to the agenda. Mr. Richards added NB16-0101 and NB16-0102. Mr. Mooney added NB16-0201. Mr. Galanes added NB15-1203, NB15-1204, NB16-0501, NB16-0604, IN16-0101, and IN16-0102.

The agenda was approved as modified by a unanimous vote of the NBIC Committee.

5. Approval of the Minutes of July 16, 2015 Meeting

Mr. Cook announced that the minutes of the July 16, 2015 meeting are posted on the National Board website. The minutes of the July 16, 2015 meeting were approved by a unanimous vote of the NBIC Committee.

6. Review of Rosters

a. Membership Nominations

- Mr. Paul Welch requested to become a member of the NBIC Committee. Mr. Paul Welch expressed to the committee the reasons he wished to become a member of the committee. His membership application was approved by a unanimous vote of the NBIC Committee. His appointment is subject to the approval of the Chair of the Board of Trustees. (Attachment Page 7)
- Mr. Ernest Brantley requested to become a member of SC Inspection. His membership application was approved by a unanimous vote of the NBIC Committee. His appointment is subject to the approval of the Chair of the Board of Trustees. (Attachment Pages 8-9)
- Mr. Ben Schaefer, Mr. Marty Toth, and Mr. Linn Moedinger requested to become members of SC Repairs and Alterations. Their membership applications were approved by a unanimous vote of the NBIC Committee. Their appointment is subject to the approval of the Chair of the Board of Trustees. (Attachment Pages 10-14)
- Mr. Daniel Marek requested to become a member of SC Pressure Relief Devices. His membership application was approved by a unanimous vote of the NBIC Committee. His appointment is subject to the approval of the Chair of the Board of Trustees. (Attachment Pages 15-16)

b. Membership Reappointments

- Mr. H. Michael Richards was eligible for reappointment to the NBIC Committee. His reappointment was approved by a unanimous vote of the NBIC Committee.
- Mr. Paul Schuelke and Ms. Melissa Wadkinson were eligible for reappointment to SC Installation. Their reappointments were approved by a unanimous vote of the NBIC Committee.
- Mr. Paul Welch was eligible for reappointment to SC Inspection. His reappointment was approved by a unanimous vote of the NBIC Committee.
- Mr. Craig Hopkins was eligible for reappointment to SC Repairs and Alterations. His reappointment was approved by a unanimous vote of the NBIC Committee.
- Mr. Brandon Nutter, Mr. Thakor Patel, and Mr. Adam Renaldo were eligible for reappointment to SC PRD. Their reappointments were approved by a unanimous vote of the NBIC Committee.

c. Officer Selection

- There were no subcommittee or NBIC Committee officer positions that required a vote.

7. Report of Subcommittees

a. Subcommittee on Installation

Subcommittee on Installation Chair Mr. H. Michael Richards reported on the following:

i. Interpretations

Item Number: IN15-0801	NBIC Location: Part 1, 3.3.4	Attachment Pages 17-19
General Description: Installation of boilers with 1 inch side clearance based on manufacturer recommendation		
Subgroup: Installation		
Task Group: None assigned		
Meeting Action: Mr. Richards presented a proposed interpretation response. This response was approved by a unanimous vote of the SC Installation. He summarized the subcommittee discussion by explaining that they agreed a lesser clearance than required by the code was acceptable, so long as it was approved by the Jurisdiction. Mr. Wielgoszinski requested review of the code paragraph referenced in the interpretation response. After the review, the NBIC Committee approved the proposed interpretation response with a unanimous vote.		

ii. Action Items – Old Business

Item Number: NB10-1201	NBIC Location: Part 1	Attachment Pages 20-32
General Description: Reformat NBIC Part 1 by expanding the general requirements section		
Subgroup: Installation		
Task Group: M. Wadkinson (PM), B. Moore, S. Konopacki, E. Wiggins, D. Patten		
Meeting Action: Mr. Richards presented a proposal for code change. This proposal was approved by a unanimous vote of the SC Installation. Mr. Richards requested the item be letter balloted to the NBIC Committee. Mr. Richards explained the purpose for expanding the general requirements section. Task group member Mr. Don Patten commented that all language in the proposal is already present in the NBIC, but is being consolidated into the general requirements section. The item was sent to a letter ballot for approval by a unanimous vote of the NBIC Committee. Work on this item generated action item NB16-0102 to address pressure testing requirements independently		

Item Number: NB11-1901	NBIC Location: Part 1	No Attachment
General Description: Add guidance for the safe installation of high pressure composite pressure vessels operating in close proximity to the public		
Subgroup: FRP		
Task Group: M. Richards (PM), S. Konopacki, D. Patten		
Meeting Action: Mr. Paul Schuelke reported that there was no additional information at the current		

time.

Item Number: NB12-0302	NBIC Location: Part 1	No Attachment
General Description: Add installation requirements for pressure vessels for human occupancy (PVHOs)		
Subgroup: Installation		
Task Group: B. Moore (PM), T. Creacy, T. Millette, M. Richards, G. Scribner		
Meeting Action: Mr. Paul Schuelke reported that Mr. Moore wasn't present, so no progress was made.		

Item Number: NB13-1101	NBIC Location: Part 1	Attachment Pages 33-35
General Description: Add installation requirements for condensing hot water boilers		
Subgroup: Installation		
Task Group: G. Halley (PM), M. Wadkinson, D. Patten, B. Moore, T. Millete		
Meeting Action: Mr. Richards presented a proposal for code change, which contained new content in Part 1, Supplement 6. This updated proposal was approved by a unanimous vote of the SC Installation. The item had previously been disapproved in a Main Committee letter ballot, and the comments were addressed in the updated proposal. Mr. Don Patten explained what specific additions were made to address comments by Mr. Cook, Mr. Amato, and Mr. Troutt. Mr. Troutt, Mr. Amato, and Mr. Cook expressed that their comments were sufficiently addressed. Mr. Adam Renaldo expressed a comment to change wording in S6.4 e). The comment was noted but the proposal was not changed. The proposal was approved by a unanimous vote of the NBIC Committee. During work on this item, an additional action item, NB16-0101, was opened to address carbon monoxide detectors in equipment rooms.		

Item Number: NB14-0403	NBIC Location: Part 1	No Attachment
General Description: Identify terms from Part 1 that need to be added to the index		
Subgroup: Installation		
Task Group: B. Moore (PM), M. Richards, T. Creacy, M. Washington		
Meeting Action: Mr. Paul Schuelke reported that Mr. Moore wasn't present, so no progress was made.		

Item Number: NB15-0106	NBIC Location: Part 1, 3.7.5.1	No Attachment
General Description: Address Figure 3.7.5.1		
Subgroup: Installation		
Task Group: B. Moore (PM), T. Creacy, R. Austin		
Meeting Action: Mr. Paul Schuelke reported that Mr. Moore wasn't present, so no progress was made.		

Item Number: NB15-0107	NBIC Location: Part 1, 3.8.2.3	Attachment Pages 36-37
General Description: To address 3.8.2.3 with BPV IV and CSD-1		

Subgroup: Installation

Task Group: M. Wadkinson (PM), B. Moore, S. Konopacki

Meeting Action: Mr. Richards presented a proposal for code change. This proposal was approved by a unanimous vote of the SC Installation. Mr. Richards explained the topic of the action item was safety limit controls, and he summarized a minor change to the code. Mr. Konopacki explained the purpose of the change was to harmonize Part 1 with CSD-1 and ASME BPV codes. Mr. Wielgoszinski and Mr. Troutt explained that ASME Section IV committees are also working to harmonize with the NBIC and CSD-1. The item was approved by a unanimous vote of the NBIC Committee.

Item Number: NB15-0108 **NBIC Location: Part 1** **No Attachment**

General Description: Add a supplement to address high temperature hot water boilers

Subgroup: Installation

Task Group: M. Wadkinson (PM) B. Moore, T. Creacy, D. Patten

Meeting Action: Mr. Paul Schuelke reported that Ms. Wadkinson wasn't present, so no progress was made.

Item Number: NB15-1001 **NBIC Location: Part 1** **No Attachment**

General Description: Update "stamp" vs. "certification" language to maintain consistency with ASME code

Subgroup: Installation

Task Group: M. Richards, M. Wadkinson

Meeting Action: Mr. Richards explained that SC Installation closed this item with no action taken with a unanimous vote. Mr. Richards explained the rationale for closing the item, because the word "stamping" is not used in NBIC Part 1. Mr. Pillow and Mr. Troutt suggested including a global statement proposed by National Board staff. This global statement was approved by SC Inspection and SC Repairs and Alterations, and would be included in the Introduction. Mr. Withers explained that the Introduction is not a part of the ANSI consensus standard, so it does not require a vote of the NBIC Committee to change. After discussion, the item was closed with no action by a unanimous vote of the NBIC Committee.

Item Number: NB15-1302 **NBIC Location: Part 1, 2.8.1** **Attachment Page 38**

General Description: Why aren't low water cutoffs required to have manual resets in Part 1, 2.8.1? Manual resets are required in NBIC Part 1 Section 3 and CSD-1 Article CW-140

Subgroup: Installation

Task Group: T. Millete (PM), M. Wadkinson, B. Moore, T. Creacy

Meeting Action: Mr. Richards presented a proposal for code change, and explained that this item would harmonize the NBIC with CSD-1. This proposal was approved by a unanimous vote of the SC Installation. Mr. Cook asked several questions about the technical content of the proposal. Mr. Scribner explained that this item was initiated because low-water cutoff requirements were not adequately addressed in power boilers in the NBIC. After discussion, the proposal was sent to letter ballot for approval by a unanimous vote of the NBIC Committee.

Item Number: NB15-2202	NBIC Location: Part 1	No Attachment
General Description: Add checklist for the safe installation of high pressure composite pressure vessels operating in close proximity to the public		
Subgroup: FRP		
Task Group: B. Moore (PM)		
Meeting Action: Mr. Paul Schuelke reported that Mr. Moore wasn't present, so no progress was made.		

Item Number: NB15-2303	NBIC Location: Part 1	Attachment Pages 39-43
General Description: Review NBIC footnotes; remove footnotes that are code language or definitions		
Subgroup: Installation		
Task Group: M. Washington (PM), T. Creacy		
Meeting Action: Mr. Richards presented a proposal for code change, and invited Mr. Eddie Wiggins to explain the proposal to the NBIC Committee. This proposal was approved by a unanimous vote of the SC Installation. Mr. Wiggins explained that all footnotes in Part 1 were moved from a footnote into the body of the text. Mr. Troutt made a recommendation that a line be removed from Roman numeral page III of Part 1 referencing footnotes because all footnotes would be removed by this item. He requested this change be made to the proposal before it is sent to letter ballot. After discussion, it was decided that the statement should remain on page III of Part 1, even if there are no footnotes in Part 1. After discussion, this item was sent to letter ballot by a unanimous vote of the NBIC Committee.		

iii. Action Items – New Business

Item Number: NB15-2104	NBIC Location: Part 1, S3.6 d)	No Attachment
General Description: General technical review of CO2 supplement in NBIC Part 1		
Task Group: G. Scribner (PM), M. Richards, T. Creacy, J. Brockman, D. Patten		
Subgroup: Installation		
Meeting Action: Mr. Paul Schuelke reported that Mr. Scribner is doing a general technical review of the CO2 supplement.		

Item Number: NB15-2209	NBIC Location: Part 1	No Attachment
General Description: Develop guidance and requirements for installation of graphite pressure equipment		
Subgroup: Graphite		
Task Group: A. Stupica (PM)		
Meeting Action: Mr. Paul Schuelke reported that more information was needed from SG Graphite		

Item Number: NB15-3001	NBIC Location: Part 1, 2.5.3.2	Attachment Page 44
General Description: Remove redundancy in 2.5.3.2 a) and d)		

Subgroup: Installation

Task Group: None assigned.

Meeting Action: Mr. Richards presented a proposal for code change to the NBIC Committee. This proposal was approved by a unanimous vote of the SC Installation. Mr. Eddie Wiggins explained that two paragraphs in NBIC Part 1, 2.5.3.2 had redundant wording, and that the proposal removed the redundant wording from one of the paragraphs. He explained that the proposal requires relettering several paragraphs in 2.5.3.2. After discussion, the item was approved by a unanimous vote of the NBIC Committee.

Item Number: NB15-3101 **NBIC Location: Part 1** **Attachment Pages 45-46**

General Description: And "and documented" to the end of the sentence that reads "Detailed engineering evaluation of the pump selection shall be performed."

Subgroup: Installation

Task Group: None assigned.

Meeting Action: Mr. Richards presented a proposal for code change to the NBIC Committee. This proposal was approved by a unanimous vote of the SC Installation. Mr. Konopacki explained that the item contained an edit to an item approved in the July 2015 meeting. Mr. Besserman explained the item originated from Mr. John Hoh at the National Board. After discussion, the item was approved by a unanimous vote of the NBIC Committee.

Item Number: NB15-3301 **NBIC Location: Part 1** **No Attachment**

General Description: Power boiler combustion air

Subgroup: Installation

Task Group: M. Wadkinson (PM), G. Halley, J. Brockman, T. Creacy, D. Patten

Meeting Action: Mr. Paul Schuelke reported that a task group was assigned.

Item Number: NB16-0101 **NBIC Location: Part 1** **No Attachment**

General Description: Result of NB13-1101, address carbon monoxide sensors in equipment rooms

Subgroup: Installation

Task Group: None assigned.

Meeting Action: This item was opened during this meeting, and no progress was made.

Item Number: NB16-0102 **NBIC Location: Part 1** **No Attachment**

General Description: Result of NB10-1201, address post installation pressure testing

Subgroup: Installation

Task Group: None assigned.

Meeting Action: This item was opened during this meeting, and no progress was made.

b. Subcommittee on Inspection

Subcommittee on Inspection Chair Mr. Mark Mooney reported on the following:

i. Interpretations

There were no interpretations assigned to the Subcommittee on Inspection.

ii. Action Items – Old Business

Item Number: NB07-0910	NBIC Location: Part 2, S6	Attachment Pages 47-107
General Description: Review of Part 2 S6 for completeness and accuracy		
Subgroup: Inspection		
Task Group: S. Staniszewski (PM), G. McRae, J. Riley, C. Withers		
Meeting Action: Mr. Mooney presented a proposal for code change to the committee in Part 2, Supplement 6 regarding DOT pressure vessels. The item was approved by a unanimous vote of SC Inspection. Mr. Stan Staniszewski gave a brief update on DOT rulemaking as it relates to the NBIC. Mr. Staniszewski explained that Supplement 6 was updated to clarify existing language and to come in line with updated government regulation. Mr. Staniszewski specifically highlighted a change about registration requirements. The proposal adds requirements for electronic registration of DOT Inspectors to track Inspectors. After discussion, this item was sent to letter ballot for approval by a unanimous vote of the NBIC Committee. Mr. Cook suggested adding Mr. Staniszewski to the Liaison Reports at the end of the meetings so he could present on DOT activities. Mr. Wielgoszinski asked a question about what Mr. Staniszewski’s DOT rulemaking update. Mr. Staniszewski explained that the new code update will adopt the 2015 edition of the NBIC, which has been adopted with a supplemental notice from the DOT. This supplemental notice will be opened for a 30 day comment period to the public. Barring any major comments, a final notice will be issued which will mean the DOT will adopt the 2015 edition of the NBIC.		

Item Number: NB11-0204A	NBIC Location: Part 2, S2	Attachment Page 108
General Description: Review NDE requirements for stayed areas on historical boilers		
Subgroup: Historical		
Task Group: M. Wahl (PM), J. Larson, F. Johnson		
Meeting Action: Mr. Mooney presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Inspection. Mr. Mooney read the proposed code change to the committee, and explained that the proposal included additional language in Part 2, S2 and a definition for “Volumetric NDE” to be added to the glossary. Mr. Cook asked a question about the purpose of the item. Mr. Bob Underwood explained that the additional language in Part 2, S2 was word-for-word taken from NBIC Part 3, 4.2 and was meant to update vague NDE language in Historical Boiler section. The “Volumetric NDE” definition was taken from the glossary section of ASME Section I. The proposal was approved by a unanimous vote of the NBIC Committee.		

Item Number: NB13-0903	NBIC Location: Part 2, S2.14	No Attachment
General Description: Add safety requirements for use of liquid or gaseous fuels to fire a historical		

boiler
Subgroup: Historical
Task Group: D. Rupert (PM), T. Dillon, J. Larson, R. Bryce
Meeting Action: Mr. Mooney reported that no progress had been made.

Item Number: NB13-1002	NBIC Location: Part 2	No Attachment
General Description: Review inspection requirements against ASME B31.1 Power Piping code		
Subgroup: Inspection		
Task Group: M. Schwartzwalder (PM), J. Frey, V. Newton, M. Mooney, D. Canonico, M. Horbaczewski, C. Withers		
Meeting Action: Mr. Mooney reported that the item was letter balloted to SC Inspection, and failed due to disapprovals. The disapprovals are being reviewed.		

Item Number: NB13-1301	NBIC Location: Part 2	Attachment Pages 109-114
General Description: Review finite element analysis methods and how they pertain to inspection		
Subgroup: Inspection		
Task Group: J. Riley (PM), S. Staniszewski, M. Schwartzwalder, M. Mooney, R. Pate		
Meeting Action: Mr. Mooney presented a proposal for code change to the NBIC Committee. This item previously failed due to lack of letter ballot participation. Mr. Mooney suggested sending the item to letter ballot, and Mr. Pillow suggested voting the item by voice vote. After discussion, the item was sent to letter ballot for approval by a unanimous vote of the NBIC Committee.		

Item Number: NB13-1302	NBIC Location: Part 2	Attachment Pages 115-116
General Description: Review inspection requirements for cryogenic pressure vessels		
Subgroup: Inspection		
Task Group: J. Riley (PM), A. Renaldo, R. Dobbins, R. Bartley, R. Pate, D. Graf		
Meeting Action: Mr. Mooney presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Inspection. Mr. Staniszewski explained that this item failed a letter ballot to the NBIC Committee due to disapprovals from three committee members. Mr. Staniszewski said that all earlier comments were addressed in the proposal. After discussion, the item was approved by a unanimous vote of the NBIC Committee.		

Item Number: NB13-1303	NBIC Location: Part 2	Attachment Pages 117-119
General Description: Review inspection requirements for biomass fired boilers		
Subgroup: Inspection		
Task Group: M. Mooney (PM), M. Horbaczewski, D. Canonico, J. Safarz		

Meeting Action: Mr. Mooney presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Inspection. Mr. Mooney explained that this item failed a letter ballot to the NBIC Committee due to a disapproval vote from Mr. Cook. He explained several changes made to respond to the comment. These changes included changing the term “wood wastes” to “organic fiber” wastes, addressing cleanliness of the boiler room in inspection requirements, and additional potential problems that should be checked by inspectors. Mr. Pillow asked a question about the changes to the proposal regarding the potential problems list. After discussion, this item was approved by a unanimous vote of the NBIC Committee.

Item Number: NB13-1406	NBIC Location: Part 2, S1	No Attachment
General Description: Add requirements for inspection of superheater units		
Subgroup: Inspection		
Task Group: P. Welch (PM), R. Stone		
Meeting Action: Mr. Mooney reported that a new project manager was assigned and that no other action had been taken.		

Item Number: NB13-1409	NBIC Location: Part 2, S1	No Attachment
General Description: Address method for analyzing bulges created by overheating in stayed boiler surfaces		
Subgroup: Inspection		
Task Group: P. Welch (PM), M. Mooney, R. Stone		
Meeting Action: Mr. Mooney reported that a new project manager was assigned and that no other action had been taken.		

Item Number: NB13-1701	NBIC Location: Part 2, 2.3.6.6	Attachment Pages 120-123
General Description: Review inspection requirements for wire wound pressure vessels		
Subgroup: Inspection		
Task Group: M. Horbaczewski (PM), M. Mooney, J. Riley, V. Scarcella, G. Galanes		
Meeting Action: Mr. Mooney presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Inspection. Mr. Mooney explained that this item failed a letter ballot to the NBIC Committee due to several disapprovals from committee members. The proposal was modified to address the commenter’s comments, but the revisions had not yet been shown to the commenters. Therefore, this item was decided to be sent to letter ballot so the commenters could determine if their objections had been answered. The item was sent to letter ballot for approval by a unanimous vote of the NBIC Committee.		

Item Number: NB14-0901	NBIC Location: Part 2	No Attachment
General Description: Review inspection requirements for pressure vessels designed for high pressures		
Subgroup: Inspection		
Task Group: M. Horbaczewski (PM), M. Schwartzwalder, D. Graf, G. Scribner		

Meeting Action: Mr. Mooney reported that a new task group member had been assigned.

Item Number: NB14-1001 **NBIC Location:** Part 2, 5.2.1 **Attachment Pages** 124-127

General Description: Add requirements to address replacement of duplicate nameplates where the original nameplate is intact and attached to an inner vessel, where it may or may not be visible

Subgroup: Inspection

Task Group: J. Larson (PM), P. Welch, D. Ford, R. Pate, J. Getter, G. McRae, M. Horbaczewski, B. Petersen

Meeting Action: Mr. Mooney explained that several action items were combined into one proposal. These items were NB14-1001, NB15-0204, and NB15-2105. Mr. Mooney presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Inspection. Mr. Mooney explained that this document related to duplicate nameplates, replacement nameplates, and the form NB-136. Mr. Wielgoszinski asked about disapprovals to the item from a previous SC letter ballot. Mr. Mooney explained that the commenters were satisfied by the responses to their disapproved votes. Mr. Staniszewski explained that the negatives were from the manufacturing sector, regarding replacement of stamping without the inclusion of the manufacturer. A requirement was added to solicit the manufacturer when stamping is replaced, if the manufacturer is still in business. Mr. Edwards explained a similar action being undertaken by ASME. This item was sent to letter ballot for approval by a unanimous vote of the NBIC Committee.

Item Number: NB14-1101 **NBIC Location:** Part 2 **No Attachment**

General Description: Diaphragm weld inspection.

Subgroup: Inspection

Task Group: P. Welch (PM), D. Graf, R. Stone

Meeting Action: Mr. Mooney reported that no progress has been made.

Item Number: NB14-1701 **NBIC Location:** Part 2 **No Attachment**

General Description: Add diagrams for local thin areas (LTAs) for low pressure propane tanks

Subgroup: Inspection

Task Group: G. McRae (PM), T Vandini, J. Getter, M. Mooney

Meeting Action: Mr. Mooney explained that the history for this item had been lost, and after evaluation the committee decided that no action was needed to change the current code. SC Inspection closed this item with no action taken. Mr. Staniszewski explained that Project Manager Mr. Greg McRae did not know the history of the item. After discussion, the item was closed with no action taken by a unanimous vote of the NBIC Committee.

Item Number: NB14-1801 **NBIC Location:** Part 2 **See MC Attachment Bundle**

General Description: Ferrules

Subgroup: Inspection

Task Group: P. Welch (PM), R. Stone

Meeting Action: Mr. Mooney reported that a new project manager was assigned but no other progress was made.

Item Number: NB14-1802 **NBIC Location:** Part 2 **No Attachment**

General Description: Riveted staybolt head dimensions and Figure S1.2.2-c

Subgroup: Inspection

Task Group: P. Welch (PM), R. Stone

Meeting Action: Mr. Mooney reported that a new project manager was assigned but no other progress was made.

Item Number: NB15-0201 **NBIC Location:** Part 2 **No Attachment**

General Description: Provide consistent language in all areas of the NBIC affected by the closure of NB13-0701

Subgroup: Inspection

Task Group: J. Riley (PM), M. Mooney, T. Vandini, M. Clark, G. McRae

Meeting Action: Mr. Mooney reported that the task group is attempting to standardize language about corrosion throughout Part 2, and a proposal will be ready for next meeting.

Item Number: NB15-0204 **NBIC Location:** Part 2, 5.5.2 **Attachment Pages 124-127**

General Description: Investigate Part 2, 5.5.2 and 5.5.3 for consistency with requirements about replacement of stamping during inservice inspection generated from NB12-1801

Subgroup: Inspection

Task Group: B. Petersen (PM), P. Welch, C. Withers

Meeting Action: Mr. Mooney explained that several action items were combined into one proposal. These items were NB14-1001, NB15-0204, and NB15-2105. Mr. Mooney presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Inspection. Mr. Mooney explained that this document related to duplicate nameplates, replacement nameplates, and the form NB-136. Mr. Wielgoszinski asked about disapprovals to the item from a previous SC letter ballot. Mr. Mooney explained that the commenters were satisfied by the responses to their disapproved votes. Mr. Staniszewski explained that the negatives were from the manufacturing sector, regarding replacement of stamping without the inclusion of the manufacturer. A requirement was added to solicit the manufacturer when stamping is replaced, if the manufacturer is still in business. Mr. Edwards explained a similar action being undertaken by ASME. This item was sent to letter ballot for approval by a unanimous vote of the NBIC Committee.

Item Number: NB15-0504 **NBIC Location:** Part 2, S10 **No Attachment**

General Description: Result of PR15-0701, PR15-0702 and PR15-0703, clarify what the National Board Commissioned Inspector's specific duties are when inspecting high pressure composite vessels

Subgroup: Inspection

Task Group: E. Brantly (PM), M. Mooney, M. Horbaczewski, E. Brantly, V. Newton

Meeting Action: Mr. Mooney reported that the task group is currently working on developing a proposal.

Item Number: NB15-0801 NBIC Location: Part 2, CO2 Supplement Attachment Pages 128-132

General Description: Result of PR15-0602, clarify which inspection requirements for CO2 pressure vessels apply specifically to the National Board Commissioned Inspector

Subgroup: Inspection

Task Group: M. Mooney (PM), P. Welch, V. Newton, T. Barker

Meeting Action: Mr. Mooney presented a proposal for code change to the committee. This proposal was combined with the proposal for NB15-0901. The item was approved by a unanimous vote of SC Inspection. Mr. Mooney explained that this item had been voted to be sent to letter ballot, but had been withheld due to a comment from the American Insurance Association. All insurance interest category members agreed that the insurance sector concerns were addressed by the revision to the document. Mr. Wielgoszinski asked if this proposal should be returned to the American Insurance Association for their comment. Mr. Besserman clarified the history of the item. Mr. Galanes proposed that the item be sent to the American Insurance Association commenter, and subject to his approval be sent to letter ballot to the Main Committee. Mr. Mooney expressed concerns about how to move forward if AIA does not accept the comment out of principle due to a desire to keep CO2 inspection out of the code. Mr. Welch expressed that Jurisdictions desire this supplement to be included as soon as possible, and that some Jurisdictions are approving less robust rules on their own currently. Mr. Withers suggested that the item be sent to AIA for review, and then sent to letter ballot for approval with the AIA comments attached. After discussion, the course of action outlined above was approved by a unanimous vote of the NBIC Committee.

Item Number: NB15-0901 NBIC Location: Part 2, CO2 Supplement Attachment Pages 128-132

General Description: Result of PR15-0205, PR15-0206, PR15-0207, PR15-0208, PR15-0209, PR15-0210, PR15-0211 and PR15-0402, address issues in the CO2 supplement regarding requirements for inspection of equipment that are outside of the scope of insurance policies that insurance companies issue

Subgroup: Inspection

Task Group: M. Mooney (PM), P. Welch, V. Newton, T. Barker, E. Brantly

Meeting Action: Mr. Mooney presented a proposal for code change to the committee. This proposal was combined with the proposal for NB15-0801. This item will be closed at the time NB15-0801 is approved.

Item Number: NB15-1002 NBIC Location: Part 2 No Attachment

General Description: Update “stamp” vs. “certification” language to maintain consistency with ASME code

Subgroup: Inspection

Task Group: D. Graf (PM), P. Welch

Meeting Action: Mr. Mooney presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Inspection. The proposal was for a change to the Introduction. Mr. Withers explained that the Introduction is not a part of the consensus document, so Mr. Mooney requested to close this item on the assumption National Board staff would include this in the 2017 edition introduction. This item was closed by a unanimous vote of the NBIC Committee.

Item Number: NB15-1601 **NBIC Location: Part 2, S2.11 b) 2)** **No Attachment**

General Description: Requirements for the removal of jacketing/lagging insulation for inservice inspections of historical boilers

Subgroup: Historical

Task Group: T. Dillon (PM), J. Amato

Meeting Action: Mr. Mooney reported that no action had been taken.

Item Number: NB15-2103 **NBIC Location: Part 2, S7.8.6 & S7.9** **Attachment Pages 133-134**

General Description: Update Part 2, S7 for consistency with new requirements in Part 2, S9

Subgroup: Inspection

Task Group: D. Buechel, T. Vandini

Meeting Action: Mr. Mooney presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Inspection. Mr. Mooney read the proposal to the committee. Mr. Cook asked a question about an added reference to NFPA-58, 5.2. Mr. Staniszewski explained that NFPA-58 5.2 is related to containers, and it specifically mentions change of service requirements. Mr. Cook expressed a concern that referencing 5.2 in NFPA-58 would make the reference edition specific, because the paragraph numbering can change. Mr. Mooney revised his proposal to remove the reference to 5.2 within NFPA-58. Mr. Hopkins asked a question about the term “cargo tank” being used in the proposal, because that term is not used in the NBIC. He also asked about the use of “water capacity.” Mr. Cook explained that “water capacity” is a common term used in the LPG industry. Mr. Scribner explained that “cargo tank” is defined in Part 2, S6 in the “Definitions” section. Mr. Staniszewski explained that a new item, NB16-0201, was opened to address consistent use of terms within Part 2, Supplement 7. After discussion, this item was approved by a unanimous vote of the NBIC Committee.

Item Number: NB15-2201 **NBIC Location: Part 2, S10** **Attachment Pages 135-138**

General Description: Edit Supplement 10 on inspection of stationary high pressure composite pressure vessels

Subgroup: FRP

Task Group: None assigned

Meeting Action: Mr. Mooney presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Inspection. This item previously failed a SC letter ballot due to insufficient response stemming from disapprovals. These disapprovals were addressed in the new proposal. A paragraph was moved to a different location within the supplement, and requirements were strengthened that inspectors be familiar with FRP vessel construction. This item was sent to letter ballot for approval by a unanimous vote of the NBIC Committee, assuming the proposal is presented in a clean, strikethrough/underline format.

Item Number: NB15-2304	NBIC Location: Part 2	Attachment Pages 139-144
General Description: Review NBIC footnotes; remove footnotes that are code language or definitions		
Subgroup: Inspection		
Task Group: M. Horbaczewski, C. Withers		
Meeting Action: Mr. Mooney presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Inspection. Mr. Mooney explained the decisions made for the six individual footnotes within Part 2. Mr. Mooney modified his proposal to delete footnote 6 about nip load, which will be added to the glossary through action item NB15-2303. This item was sent to letter ballot for approval by a unanimous vote of the NBIC Committee,		

iii. **Action Items – New Business**

Item Number: NB15-2105	NBIC Location: Part 2, 5.2.1	Attachment Pages 124-127
General Description: Under 5.2.1 b) the last line "The completed Form NB-136..." is left over from the 2013. The reporting is all covered under 5.2.3. Reporting now so the sentence in 5.2.1 b) should be removed.		
Subgroup: Inspection		
Task Group: None assigned		
Meeting Action: Mr. Mooney explained that several action items were combined into one proposal. These items were NB14-1001, NB15-0204, and NB15-2105. Mr. Mooney presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Inspection. Mr. Mooney explained that this document related to duplicate nameplates, replacement nameplates, and the form NB-136. Mr. Wielgoszinski asked about disapprovals to the item from a previous SC letter ballot. Mr. Mooney explained that the commenters were satisfied by the responses to their disapproved votes. Mr. Staniszewski explained that the negatives were from the manufacturing sector, regarding replacement of stamping without the inclusion of the manufacturer. A requirement was added to solicit the manufacturer when stamping is replaced, if the manufacturer is still in business. Mr. Edwards explained a similar action being undertaken by ASME. This item was sent to letter ballot for approval by a unanimous vote of the NBIC Committee.		

Item Number: NB15-2203	NBIC Location: Part 2, S3	No Attachment
General Description: Create diagrams of common damage mechanisms for graphite pressure equipment		
Subgroup: Graphite		
Task Group: None assigned		
Meeting Action: Mr. Mooney reported that more information was needed from SG Graphite for work to progress.		

Item Number: NB15-2204	NBIC Location: Part 2, S3	No Attachment
General Description: Describe post construction inspection methods specific to graphite pressure equipment		

Subgroup: Graphite

Task Group: None assigned

Meeting Action: Mr. Mooney reported that more information was needed from SG Graphite for work to progress.

Item Number: NB15-2206A **NBIC Location:** Part 2, S3 **No Attachment**

General Description: Review Part 2 graphite supplement to ensure proper use of "shall", "should", "may"

Subgroup: Graphite

Task Group: None assigned

Meeting Action: Mr. Mooney reported that more information was needed from SG Graphite for work to progress.

Item Number: NB15-2701 **NBIC Location:** Part 2 **No Attachment**

General Description: Create quick reference guide for inspection activity

Subgroup: Inspection

Task Group: None assigned

Meeting Action: Mr. Mooney explained that SC Inspection closed this item with no action taken by a unanimous vote of the subcommittee. The rationale is that the code is not the place to include a quick reference guide for inspection. This item was closed with no action taken by a unanimous vote of the NBIC Committee.

Item Number: NB15-3501 **NBIC Location:** **No Attachment**

General Description:

Subgroup: Historical

Task Group: R. Bryce

Meeting Action: Mr. Mooney reported that work is progressing on this item.

Item Number: NB16-0201 **NBIC Location:** Part 2, S7 **No Attachment**

General Description: Ensure common terminology i.e. pressure vessel, is used throughout

Subgroup: Inspection

Task Group: S. Staniszewski (PM). T. Vandini, B. Hart

Meeting Action: Mr. Mooney reported that the task group is looking for common language within Part 2, S7.

At this point in the meeting, Mr. Paul Edwards designated Ms. Kathy Moore as his alternate. Ms. Moore sat in his stead for the remainder of the meeting.

c. Subcommittee on Repairs and Alterations

Subcommittee on Repairs and Alterations Chair Mr. George Galanes reported on the following:

i. Interpretations

Item Number: IN15-0201	NBIC Location: Part 3	Attachment Pages 145-146
General Description: Interpretation question regarding “R” Symbol Stamp quality system.		
Subgroup: Repairs and Alterations		
Task Group: R. Wielgoszinski, B. Schaefer, R. Troutt		
Meeting Action: Mr. Galanes presented a proposed interpretation response to the committee. The proposal was approved by a unanimous vote of SC Repairs and Alterations. Mr. Wielgoszinski described the history of the item, and read the proposed interpretation response. This interpretation response was approved by a unanimous vote of the NBIC Committee.		

Item Number: IN15-0401	NBIC Location: Part 3, 4.2, 4.4	No Attachment
General Description: May Phased Array UT (PAUT) examination be used for verification of final circumferential weld repair integrity in lieu of pressure testing or other typical NDE methods (MT/PT/RT) involving boiler tubes where the thickness is below ½ inch, with NPS of 4 inch and less?		
Subgroup: Repairs and Alterations		
Task Group: George Galanes (PM), Frank Johnson, Jim Sekely, and Warren Taylor		
Meeting Action: Mr. Galanes requested that this item be closed with no action taken because he had resolved the subject of the inquiry with the inquirer. SC Repairs and Alterations voted to close this item with no action taken with a unanimous vote. This item was closed with no action by a unanimous vote of the NBIC Committee.		

Item Number: IN15-0601	NBIC Location: Part 3, Section 3	No Attachment
General Description: Use of backing strips to install flush patches repair/alteration classification		
Subgroup: Repairs and Alterations		
Task Group: G Galanes (PM), B. Morelock, M. Webb, M. Bost		
Meeting Action: Mr. Galanes reported that no action has been taken.		

Item Number: IN15-0701	NBIC Location: Part 3, 4.4	Attachment Page 147
General Description: Using liquid penetrant testing to verify full penetration weld on a tube		
Subgroup: Repairs and Alterations		
Task Group: J. Pillow		
Meeting Action: Mr. Galanes presented a proposed interpretation response to the committee. The proposal was approved by a unanimous vote of SC Repairs and Alterations. Mr. Pillow described the		

history of the item, and read the proposed interpretation response. This interpretation response was approved by a unanimous vote of the NBIC Committee.

Item Number: IN15-0901	NBIC Location: Part 3	No Attachment
General Description: Installation of nozzle to the outside of a blind flange repair/alteration classification		
Subgroup: Repairs and Alterations		
Task Group: M. Toth (PM), R. Underwood, C. Hopkins, J. Walker		
Meeting Action: Mr. Galanes reported that no action has been taken.		

Item Number: IN15-1001	NBIC Location: Part 3	No Attachment
General Description: Using newest code of construction for alterations to several similar vessels built to different code editions		
Subgroup: Repairs and Alterations		
Task Group: R. Troutt (PM)		
Meeting Action: Mr. Galanes requested that this item be closed with no action taken because the question was deemed consulting. SC Repairs and Alterations voted to close this item with no action taken with a unanimous vote. This item was closed with no action by a unanimous vote of the NBIC Committee.		

Item Number: IN15-1101	NBIC Location: Part 3	No Attachment
General Description: Is the use of ASME PCC-2 Article 2.12 fillet welded patches an alteration?		
Subgroup: Repairs and Alterations		
Task Group: J. Pillow (PM), P. Edwards, N. Carter, D. Marek		
Meeting Action: Mr. Galanes reported that no action has been taken.		

Item Number: IN15-1201	NBIC Location: Part 3	No Attachment
General Description: What qualifies as a routine repair?		
Subgroup: Repairs and Alterations		
Task Group: None assigned		
Meeting Action: Mr. Galanes requested that this item be closed with no action taken because there was not sufficient information. A new item will be opened to address this comment if more information is received. SC Repairs and Alterations voted to close this item with no action taken with a unanimous vote. This item was closed with no action by a unanimous vote of the NBIC Committee.		

Item Number: IN15-1301	NBIC Location: Part 3	No Attachment
General Description: Does changing a bolt material require an "R" form and stamp?		
Subgroup: Repairs and Alterations		

Task Group: None assigned
Meeting Action: This item missed the SC agenda and will be addressed in July 2016.

Item Number: IN16-0101	NBIC Location: Part 3	No Attachment
General Description: Tube plugging with explosive techniques		
Subgroup: Repairs and Alterations		
Task Group: J. Sekely (PM), R. Underwood, E. Cutlip		
Meeting Action: Mr. Pillow reported that a task group was assigned.		

Item Number: IN16-0201	NBIC Location: Part 3	No Attachment
General Description: Sequence for Stamping and R Report Signing		
Subgroup: Repairs and Alterations		
Task Group: M. Bost (PM)		
Meeting Action: Mr. Pillow reported that a task group was assigned.		

ii. Action Items – Old Business

Item Number: NB11-0204B	NBIC Location: Part 3, S2	No Attachment
General Description: Review NDE requirements of stayed areas for historical boilers		
Subgroup: Historical		
Task Group: M. Wahl (PM), J. Larson, F. Johnson		
Meeting Action: Mr. Galanes reported that this item will be sent to SC letter ballot.		

Item Number: NB12-0801	NBIC Location: Part 3	No Attachment
General Description: Add requirements for repair and alteration of gasketed PHEs in the field		
Subgroup: Repairs and Alterations		
Task Group: R. Cauthon (PM), B. Wielgoszinski, N. Carter		
Meeting Action: Mr. Galanes reported that work is ongoing, pending more development from ASME Section VIII.		

Item Number: NB13-0902	NBIC Location: Part 3, S2	No Attachment
General Description: Review alternate methods of tube sheet repair		
Subgroup: Historical		
Task Group: F. Johnson, T. Dillon, M. Wahl		

Meeting Action: Mr. Galanes reported that this item will be sent to SC letter ballot.

Item Number: NB13-1401	NBIC Location: Part 3, S1.9.2	No Attachment
General Description: Add wording in this section regarding boiler tube welding		
Subgroup: Locomotive		
Task Group: R. Stone (PM)		
Meeting Action: Mr. Galanes reported that the subcommittee is awaiting comments from Mr. Stone.		

Item Number: NB13-1405	NBIC Location: Part 3, S1.2.9	No Attachment
General Description: Add requirements for throttle pipes, dry pipes, superheater headers, and front end steam pipes		
Subgroup: Locomotive		
Task Group: R. Stone (PM)		
Meeting Action: Mr. Galanes reported that there was no progress made.		

Item Number: NB13-1407	NBIC Location: Part 3, S1	No Attachment
General Description: Add requirements for repair and alteration of bolts, nuts, and studs in locomotive boilers		
Subgroup: Locomotive		
Task Group: R. Stone (PM)		
Meeting Action: Mr. Galanes reported that there was no progress made.		

Item Number: NB13-1408	NBIC Location: Part 3, S1	No Attachment
General Description: Add requirements for repair and alteration of locomotive boilers with threaded boiler studs of the taper thread and straight thread varieties		
Subgroup: Locomotive		
Task Group: R. Stone (PM)		
Meeting Action: Mr. Galanes reported that there was no progress made.		

Item Number: NB14-0203	NBIC Location: Part 3	Attachment Pages 148-155
General Description: Review Part 3 for any changes needed to be made to “R” accreditation requirements		
Subgroup: Repairs and Alterations		
Task Group: R. Trout, N. Carter, R. Cauthon		
Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item previously failed an NBIC Committee letter ballot due to lack of participation. Mr. Trout spoke about a		

minor change that was made by National Board staff to update the proposal. Mr. Troutt explained how information in NB RCI-1 was removed from the NBIC to avoid duplication. The item was approved by a unanimous vote of the NBIC Committee.

Item Number: NB14-0301	NBIC Location: Part 3	No Attachment
General Description: Add requirements for encapsulation		
Subgroup: Repairs and Alterations		
Task Group: B. Boseo, F. Johnson, K. Moore		
Meeting Action: Mr. Galanes reported that this item will be sent to SC letter ballot.		

Item Number: NB14-0302	NBIC Location: Part 3, S6	Attachment Pages 156-157
General Description: Develop additional “TR” forms to include in Part 3		
Subgroup: Repairs and Alterations		
Task Group: C. Withers (PM), B. Underwood, K. Moore, B. Vallance		
Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Repairs and Alterations. The only change to the form was the addition of a “DOT” check box. This item was approved by a unanimous vote of the NBIC Committee.		

Item Number: NB14-2401	NBIC Location: Part 3, S6.5	No Attachment
General Description: Replace the referenced TR-1 form with a TR-3 form		
Subgroup: Repairs and Alterations		
Task Group: C. Withers (PM), B. Underwood, K. Moore, B. Vallance		
Meeting Action: Mr. Galanes requested to close this item with no action because the item was previously addressed under a different action item. SC Repairs and Alterations voted to close this item with no action with a unanimous vote. The item was closed with no action by a unanimous vote of the NBIC Committee.		

Item Number: NB14-2402	NBIC Location: Part 3, S6.3	No Attachment
General Description: Remove “TR” accreditation requirements from the NBIC because “TR” accreditation requirements will be addressed in a separate National Board “TR” document		
Subgroup: Repairs and Alterations		
Task Group: C. Withers (PM), B. Underwood, K. Moore, B. Vallance		
Meeting Action: Mr. Galanes requested to close this item with no action because the item was previously addressed under a different action item. SC Repairs and Alterations voted to close this item with no action with a unanimous vote. The item was closed with no action by a unanimous vote of the NBIC Committee.		

Item Number: NB15-0511	NBIC Location: Part 3, 5.13.5.1	No Attachment
General Description: Result of PR15-0120, how does one fill out “NR” paperwork if the repairs or		

alterations were performed to an international code other than Section III or Section XI?

Subgroup: Repairs and Alterations

Task Group: P. Edwards (PM), B. Schafer, B. Wielgoszinski, C. Withers

Meeting Action: Mr. Galanes reported that there may be a proposal ready for the July meeting from the “NR” task group.

Item Number: NB15-0512 **NBIC Location:** Part 3, S3.5.5 b) **No Attachment**

General Description: Result of PR15-0121, should UIG-79 and UIG-80 be referenced in their entirety in this section?

Subgroup: Graphite

Task Group: E. Soltow (PM)

Meeting Action: Mr. Galanes reported that no progress was made.

Item Number: NB15-1003 **NBIC Location:** Part 3 **No Attachment**

General Description: Update “stamp” vs. “certification” language to maintain consistency with ASME code

Subgroup: Repairs and Alterations

Task Group: R. Troutt (PM), J. Amato, J. Pillow

Meeting Action: Mr. Galanes presented a proposal for code change to the committee, regarding form registration. The item was approved by a unanimous vote of SC Repairs and Alterations. It was explained that the Introduction is not a part of the consensus document, so Mr. Galanes requested to close this item on the assumption National Board staff would include this in the 2017 edition introduction. This item was closed by a unanimous vote of the NBIC Committee.

Item Number: NB15-1101 **NBIC Location:** Part 3 **No Attachment**

General Description: Investigate code addition for carbon fiber wrap reinforcement of high pressure metal pressure vessels

Subgroup: Repairs and Alterations

Task Group: R. Trout, J. Amato, J. Pillow

Meeting Action: Mr. Galanes requested to close this item with no action because the task group evaluated this technology and decided that type of technology did not need to be specifically addressed in the NBIC at the current time. SC Repairs and Alterations voted to close this item with no action with a unanimous vote. The item was closed with no action by a unanimous vote of the NBIC Committee.

Item Number: NB15-1201 **NBIC Location:** Part 3, 5.6 **Attachment Page 158**

General Description: Expand requirements for form logs in Section 5 to include not only “R” program, but also “VR” and “NR”

Subgroup: Repairs and Alterations

Task Group: C. Withers

Meeting Action: Mr. Galanes presented a proposal for code change to the committee, regarding form registration. The item was approved by a unanimous vote of SC Repairs and Alterations. The changes were submitted to the subcommittee by Mr. Charles Withers. Mr. Wielgoszinski explained the major point of conflict in regards to the item was whether a single Certificate Holder should be able to maintain one form “R” log, or multiple logs. A concern was raised about the reference of “VR” Certificate Holders in the proposal. This item was sent to letter ballot for approval by a unanimous vote of the NBIC Committee.

Item Number: NB15-1401 NBIC Location: Part 3, Section 3 No Attachment

General Description: Investigate new requirements for weld buildup of thin walled tubes

Subgroup: Repairs and Alterations

Task Group: W. Sperko (PM), G. Galanes, J. Siefert

Meeting Action: Mr. Galanes requested to close this item with no action because none of the information uncovered by the task group needed to be included in the NBIC. SC Repairs and Alterations voted to close this item with no action with a unanimous vote. The item was closed with no action by a unanimous vote of the NBIC Committee.

Item Number: NB15-1403 NBIC Location: Part 3 Attachment Pages 159-166

General Description: Create a new supplement on weld repair to CSEF Grade 91 steel

Subgroup: Repairs and Alterations

Task Group: G. Galanes (PM), J. Siefert

Meeting Action: Mr. Galanes presented a proposal for code change. This item was previously letter balloted to SC Repairs and Alterations and was approved with one negative and two additional comments. It was also balloted for review and comment to the NBIC Committee. The proposal was sent by EPRI to approximately 30 utilities for their review. The previous letter balloted proposal was withdrawn and updated to respond to the comments. The updated proposal was approved by the SC Repairs and Alterations with one negative. Mr. Galanes explained the changes to the proposal that were made due to comments from the utilities, the SC R/A letter ballot, and the NBIC Committee letter ballot. Mr. John Siefert of EPRI gave a PowerPoint presentation on the updates made for the proposed supplement, and the reasoning behind the changes. Concerns were voiced about the technical backing of EPRI’s presentation by Ms. Becker of Babcock and Wilcox. Mr. Pullium voiced further technical concerns. Mr. Wielgoszinski expressed administrative concerns about how the content in the supplement would be tracked and approved for use once a part of the code. Mr. Besserman noted that the 2017 NBIC will not contain color, and the figures in the proposal need to be transitioned to grayscale before they can be used in the NBIC. The item was sent to letter ballot for approval by a unanimous vote of the NBIC Committee.

Item Number: NB15-1404 NBIC Location: Part 3, 1.6.1, 3.2.1 Attachment Page 167

General Description: Define “existing material” as used in 1.6.1 and 3.2.1

Subgroup: Repairs and Alterations

Task Group: W. Jones (PM), M. Toth, J. Amato, R. Troutt

Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Repairs and Alterations. Mr. Wayne Jones explained industry confusion about the term “existing material.” Mr. Cook suggested removing part of the definition from the proposal. Mr. Scribner explained the need for this definition, especially with an international audience. This item was approved by a unanimous vote of the NBIC Committee.

Item Number: NB15-1410	NBIC Location: Part 3, S6.14	No Attachment
General Description: Result of PR15-0122, add requirements for the number of repairs or alterations allowed under a single nameplate/stamping		
Subgroup: Repairs and Alterations		
Task Group: C. Withers (PM), B. Underwood, K. Moore, B. Vallance		
Meeting Action: Mr. Galanes requested to close this item with no action because this information was included in another proposal, NB15-1202. SC Repairs and Alterations voted to close this item with no action with a unanimous vote. The item was closed with no action by a unanimous vote of the NBIC Committee.		

Item Number: NB15-1602	NBIC Location: Part 3, S2.7.1	No Attachment
General Description: Revise material list for historical boiler reports to include bolts, studs, nuts and formed pressure parts		
Subgroup: Historical		
Task Group: T. Dillon (PM), M. Wahl, G. Galanes, J. Amato.		
Meeting Action: Mr. Galanes reported that the subcommittee is waiting for information from SG Historical Boilers.		

Item Number: NB15-1703	NBIC Location: Part 3	No Attachment
General Description: Welded staybolt procedures		
Subgroup: Locomotive		
Task Group: None assigned		
Meeting Action: Mr. Galanes reported that no progress was made.		

Item Number: NB15-1801	NBIC Location: Part 3	Attachment Page 168-171
General Description: Assuring leak tightness by seal welding		
Subgroup: Repairs and Alterations		
Task Group: M. Webb (PM)		
Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item had previously been balloted to the NBIC Committee, but it failed to gain sufficient voting response. The item was balloted again to SG Repairs and Alterations and SC Repairs and Alterations. The ballot was approved unanimously by SG Repairs and Alterations, and with one negative from SC Repairs and		

Alterations. Mr. Webb explained why this type of seal weld should be considered a routine repair. Mr. Cook explained the implications of this item that all manholes, manways, and handholes would be seal welded as a routine repair under the language of the proposal. Mr. Jim Larson, who voted disapprove in SC Repairs and Alterations, explained the reason for his disapproval. After discussion, this item was sent to a letter ballot by a unanimous vote of the NBIC Committee.

Item Number: NB15-1901	NBIC Location: Part 3	Attachment Page 172
General Description: Address the performance of postweld heat treatment on PRIs that were not previously postweld heat treated		
Subgroup: Repairs and Alterations		
Task Group: B. Wielgoszinski (PM)		
Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Repairs and Alterations. Mr. Wielgoszinski explained that this proposal will add an example alteration to Part 3, 3.4.3. This is being added in response to several questions received in regards to this issue. A new action item will be opened to give more guidance on this topic. This item was approved by a unanimous vote of the NBIC Committee.		

At this point in the meeting, Mr. H. Michael Richards designated Mr. Paul Schuelke as his alternate. Mr. Schuelke sat in his stead for the remainder of the meeting. Mr. Jim Sekely also exited the meeting without designating an alternate.

Item Number: NB15-2305	NBIC Location: Part 3	No Attachment
General Description: Review NBIC footnotes; remove footnotes that are code language or definitions		
Subgroup: Repairs and Alterations		
Task Group: R. Troutt, J. Pillow, J. Amato		
Meeting Action: Mr. Troutt reported that this item will be sent to SC letter ballot.		

Item Number: NB15-2502	NBIC Location: Part 3, Section 3	No Attachment
General Description: Guidelines for Installation of Boiler Tubes in Watertube Boilers		
Subgroup: Repairs and Alterations		
Task Group: R Trout(PM), J. Pillow, J. Amato		
Meeting Action: Mr. Galanes requested to close this item with no action because the information was too detailed to be included in the NBIC. Mr. Galanes requested that a letter be sent to Mr. Stone apprising him of that fact. SC Repairs and Alterations voted to close this item with no action with a unanimous vote. The item was closed with no action by a unanimous vote of the NBIC Committee.		

Item Number: NB15-2503	NBIC Location: Part 3, Section 3	No Attachment
General Description: Calculating Tube Expansion by Wall Thickness Reduction		
Subgroup: Repairs and Alterations		
Task Group: F. Johnson (PM), J. Sekely, W. Taylor		

Meeting Action: Mr. Galanes requested to close this item with no action because the information was too detailed to be included in the NBIC. Mr. Galanes requested that a letter be sent to Mr. Stone apprising him of that fact. SC Repairs and Alterations voted to close this item with no action with a unanimous vote. The item was closed with no action by a unanimous vote of the NBIC Committee.

Item Number: NB15-2601 NBIC Location: Part 3 Attachment Pages 173-174

General Description: Provide minimum radius dimensions of flush patches

Subgroup: Repairs and Alterations

Task Group: R. Wielgoszinski (PM)

Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item was letter balloted to the NBIC Committee, but didn't receive sufficient participation to be approved. The proposal presented by Mr. Galanes incorporated edits from the failed letter ballot suggested by Mr. Webb. The item was approved by a unanimous vote of the NBIC Committee.

Item Number: NB15-2801 NBIC Location: Part 3, 4.2 b) No Attachment

General Description: Change reference standard, "ACCP-189" to "ANSI/ASNT CP-189" and also included reference to the ACCP Program.

Subgroup: Repairs and Alterations

Task Group: N. Carter (PM)

Meeting Action: Mr. Nathan Carter reported on the changes that are in development for the ACCP program, and that a negative regarding this item was received at the SC Repairs and Alterations ballot on Wednesday. The ballot was not presented to the NBIC Committee.

iii. Action Items – New Business

Item Number: NB15-1202 NBIC Location: Part 3, S6 Attachment Pages 175-184

General Description: Review of Part 3 S6 for completeness and accuracy

Subgroup: Repairs and Alterations

Task Group: C. Withers, S. Staniszewski

Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Repairs and Alterations. Mr. Galanes highlighted some of the changes that were made. Mr. Staniszewski explained that this is the companion item to NB07-0910. The item was sent to letter ballot for approval by a unanimous vote of the NBIC Committee.

Item Number: NB15-2106 NBIC Location: Part 3, Section 1 Attachment Pages 185-193

General Description: Update NBIC to correspond to changes in National Board Commissioning program

Subgroup: Repairs and Alterations

Task Group: B. Vallance

Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Repairs and Alterations. Mr. Scribner presented on changes to the National Board commissioning program. This item updates language in the NBIC to be consistent with the changes to the National Board commissioning program. This item was approved by a unanimous vote of the NBIC Committee.

Item Number: NB15-2205	NBIC Location: Part 3, S3.2 i)	No Attachment
General Description: Remove allowance for reimpregnation of graphite pressure equipment as repair method		
Subgroup: Graphite		
Task Group: Greg Becherer (PM)		
Meeting Action: Mr. Galanes reported that more information is needed from SG Graphite.		

Item Number: NB15-2206B	NBIC Location: Part 3, S3	No Attachment
General Description: Review Part 3 graphite supplement to ensure proper use of "shall", "should", "may"		
Subgroup: Graphite		
Task Group: Tracy Rudy (PM)		
Meeting Action: Mr. Galanes reported that more information is needed from SG Graphite.		

Item Number: NB15-2207	NBIC Location: Part 3, S3	No Attachment
General Description: Revise requirements for amount plugs needed when tapered plugs are used		
Subgroup: Graphite		
Task Group: Aaron Viet (PM)		
Meeting Action: Mr. Galanes reported that more information is needed from SG Graphite.		

Item Number: NB15-2208	NBIC Location: Part 3, S3	No Attachment
General Description: Investigate repair options for graphite block heat exchangers		
Subgroup: Graphite		
Task Group: Greg Becherer (PM)		
Meeting Action: Mr. Galanes reported that more information is needed from SG Graphite.		

Item Number: NB15-2210	NBIC Location: Part 3	No Attachment
General Description: Reduce cementing requirements for plugging of tubes		
Subgroup: Graphite		
Task Group: C. Cary (PM)		

Meeting Action: Mr. Galanes reported that more information is needed from SG Graphite.

Item Number: NB15-2306 **NBIC Location: Part 3, S10** **Attachment Pages 194-195**

General Description: Proposed edits to S10 from SC Inspection based on NB15-0501 about above ground to below ground LPG conversions

Subgroup: Repairs and Alterations

Task Group: B. Vallance

Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Repairs and Alterations. Mr. Galanes explained that the purpose of this item is incorporating a requirement about change of service to Supplement 10. The proposal was approved by a unanimous vote of the NBIC Committee.

Item Number: NB15-2901 **NBIC Location: Part 3, S2** **No Attachment**

General Description: Review references to 1971 ASME Section I code edition with the recent additions of Part PL and Part PR in the 2015 ASME Section I

Subgroup: Historical

Task Group: M. Wahl, T. Dillon

Meeting Action: Mr. Galanes reported that SG Historical Boilers is reworking some of the language for a proposal.

Item Number: NB15-3401 **NBIC Location: Part 3** **Attachment Pages 196-197**

General Description: Revise Welding Method 2 with updated technical information

Subgroup: Repairs and Alterations

Task Group: G. Galanes (PM)

Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Repairs and Alterations. Mr. Galanes explained how the current Welding Method 2 paragraph i) did not need to limit MIG or TIG welding to an H8 designator or lower. This change was also made to Welding Method 3 and Welding Method 4. This item was approved by a unanimous vote of the NBIC Committee.

Item Number: NB15-1203 **NBIC Location: Part 3, Supplement 9** **Attachment Pages 198-199**

General Description:

Subgroup: N/A

Task Group: P. Edwards (PM)

Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Repairs and Alterations. Mr. Wielgoszinski explained the revision to Part 3, Supplement 9. The focus of the item was to ensure “NR” Certificate Holders are involved in nuclear related valve repair. It was requested that a definition be made for “rerate” in the proposal in regards to valves, because the term is not common pressure relief valve terminology. Mr. Cammeresi

requested that this item be transferred to SC PRD, because the item is related to pressure relief devices. Discussion was held on how to handle the item. The item was transferred to SC PRD. It was proposed that the item be letter balloted for approval to SC PRD, then balloted for approval for the NBIC Committee. The course of action was approved by a unanimous vote of the NBIC Committee

Item Number: NB15-1204 **NBIC Location: Part 3, 1.8.2** **Attachment Page 200**

General Description:

Subgroup: Repairs and Alterations

Task Group:

Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Repairs and Alterations. Mr. Wielgoszinski explained that the purpose of this item was to include a scope for pressure relief devices in nuclear service. The committee discussed whether this item should be sent to ballot to PRD, but ultimately decided this item was under the purview of SC Repairs and Alterations. This item was approved by a unanimous vote of the NBIC Committee.

Item Number: NB16-0501 **NBIC Location: Part 3** **Attachment Pages 201-202**

General Description:

Subgroup: Repairs and Alterations

Task Group:

Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Repairs and Alterations. Mr. Amato explained the purpose of the proposal in regards to telltale holes and staybolts. The proposal requires telltale holes to be added after a repair only if required in the original code of construction or telltale holes were present prior to the repair. This item was approved by a unanimous vote of the NBIC Committee.

Item Number: NB16-0604 **NBIC Location: Part 3** **Attachment Page 203**

General Description:

Subgroup: Repairs and Alterations

Task Group:

Meeting Action: Mr. Galanes presented a proposal for code change to the committee. The item was approved by a unanimous vote of SC Repairs and Alterations. Mr. Wielgsozinski explained that the definitions listed for the “NR” program categories were insufficient, and that the proposal incorporated sufficient definitions for the “NR” program. This item was approved by a unanimous vote of the NBIC Committee.

At this point in the meeting, Mr. Ron Pulliam designated Ms. Pat Beacher as his alternate. Ms. Beacher sat in his stead for the remainder of the meeting. Mr Craig Hopkins also designated Mr. Angelo Bramucci as his alternate. Mr. Bramucci sat in his stead for the remainder of the meeting.

d. Subcommittee on Pressure Relief Devices

Subcommittee on Pressure Relief Devices Chair Mr. Sid Cammeresi is expected to report on the following:

i. Interpretations

Item Number: IN15-1401	NBIC Location: Part 3, 5.12.2 b)	Attachment Page 204-205
General Description: Blank headings requirements on valve repair nameplates		
Task Group: None assigned		
Meeting Action: Mr. Cammeresi presented a proposed interpretation response. This item was approved by a unanimous vote of SC PRD. Mr. Cammeresi explained how the interpretation question came from an audit of “VR” Certificate Holder. Mr. Cook proposed an alternate wording because he found the word “field label” confusing. Mr. Simmons reaffirmed SC PRD’s support for the technical content of the item. The item was approved by a unanimous vote of the NBIC Committee.		

ii. Action Items – Old Business

Item Number: NB11-0401	NBIC Location: TBD	Attachment Page 206-585
General Description: Investigate the development of a possible fourth part of the NBIC to cover pressure relief devices		
Task Group: Unknown		
Meeting Action: Mr. Cammeresi explained the history of this item for the creation of NBIC Part 4. This item had previously been approved by unanimous votes of SC Repairs and Alterations and SC PRD. It also has been sent to the NBIC Committee for review and comment. All comments that were received have been responded to and the commenters were satisfied with the responses. This item was approved by a unanimous vote of the NBIC Committee.		

Item Number: NB12-0901	NBIC Location: Part 3	No Attachment
General Description: Prepare a guide for repair of tank vents		
Task Group: D. DeMichael (PM), K. Simmons, B. Donalson, B. Dobbins, K. Beise		
Meeting Action: Mr. Cammeresi reported that an outline and table of contents have been prepared. Additionally, the task group has received comments from a valve manufacturer about their proposal.		

Item Number: NB13-1901	NBIC Location: TBD	No Attachment
General Description: Add a provision to the NBIC to allow for the partial disassembly and cleaning of an ASME Section XII valve without changing the set pressure adjustments and without having to do a complete VR		
Task Group: J. Ball (PM), R. McCaffrey, B. Nutter, T. Patel, D. McHugh		
Meeting Action: Mr. Cammeresi requested that this item be closed with no action. SC PRD voted unanimously to close this item with no action. Mr. Cammeresi explained industry opinion that all Section XII valves should follow the complete “VR” protocol. This item was closed with no action by a unanimous vote of the NBIC Committee.		

Item Number: NB14-0602A	NBIC Location: Part 1	No Attachment
General Description: Improve index in Part 1 relating to pressure relief devices		
Task Group: M. Broedeur (PM), S. Cammeresi, K. Beise		
Meeting Action: Mr. Cammeresi reported that this item was on hold until Part 4 was completed. Since Part 4 is now approved, work will progress on these items starting at the next meeting.		

Item Number: NB14-0602B	NBIC Location: Part 2	No Attachment
General Description: Improve index in Part 2 relating to pressure relief devices		
Task Group: D. DeMichael (PM), B. Donalson, D. Marek, B. Hart		
Meeting Action: Mr. Cammeresi reported that this item was on hold until Part 4 was completed. Since Part 4 is now approved, work will progress on these items starting at the next meeting.		

Item Number: NB14-0602C	NBIC Location: Part 3	No Attachment
General Description: Improve index in Part 3 relating to pressure relief devices		
Task Group: B. Nutter (PM), R. McCaffrey, T. Patel, K. Simmons		
Meeting Action: Mr. Cammeresi reported that this item was on hold until Part 4 was completed. Since Part 4 is now approved, work will progress on these items starting at the next meeting.		

Item Number: NB14-0603	NBIC Location: Part 3, 1.7.5.4 i), 4.5	Attachment Pages 586-589
General Description: Review record retention requirements for pressure relief devices		
Task Group: A. Renaldo (PM), K. Beise		
Meeting Action: Mr. Cammeresi presented a proposal for code change to the NBIC Committee. The item was approved by a unanimous vote of the NBIC Committee. Mr. Adam Renaldo explained that repeated record retention requirements have now been compiled into one table. Additionally, a requirement for record retention of calibration data was included in the proposal. This item was sent to letter ballot for approval by a unanimous vote of the NBIC Committee.		

Item Number: NB15-0103	NBIC Location: Part 1, 2.9.6 c)	No Attachment
General Description: Update requirements for power boiler pressure relief valve mounting and discharge		
Task Group: R. McCaffrey (PM), J. Ball, D. Marek		
Meeting Action: Mr. Cammeresi reported that no progress was made.		

Item Number: NB15-0301	NBIC Location: Part 3, 4.5.2	No Attachment
General Description: Evaluate backpressure testing requirement for owner/users		
Task Group: A. Cox (PM), T. Tarbay, D. DeMichael, B. Dobbins, B. Nutter		
Meeting Action: Mr. Cammeresi reported that the item was voted to be closed with no action, but there were two negatives so the item remained open.		

Item Number: NB15-0304	NBIC Location: Part 3, 5.12.3	No Attachment
General Description: Review verification of manufacturer's nameplate information		
Task Group: B. Nutter (PM), S. Irvin, D. McHugh		
Meeting Action: Mr. Cammeresi presented a proposal. The proposal was sent to subcommittee ballot, and received seven approvals, and one not voting. Therefore, the item did not receive sufficient response to pass subcommittee.		

Item Number: NB15-0305	NBIC Location: Part 1	No Attachment
General Description: Create Guidelines for Installation of Overpressure Protection by System Design.		
Task Group: D. Marek (PM), B. Nutter, A. Renaldo		
Meeting Action: Mr. Cammeresi reported that the progress manager retired, and a new project manager was assigned. A proposal should be ready for the next meeting.		

Item Number: NB15-0307	NBIC Location: Part 3	No Attachment
General Description: Create Guidelines for Repair of Pin Devices.		
Task Group: D. McHugh (PM), J. Satterthwaite		
Meeting Action: Mr. Cammeresi reported that the task group is attempting to partner with manufacturers to develop this item. The task group has received response from one manufacturer and is soliciting further manufacturer involvement. Mr. Wielgoszinski asked whether non-reclosing devices are allowed to be repaired. Mr. Cammeresi explained that pin devices can be restored to working condition by replacing the pin in the device after the original pin has ruptured.		

Item Number: NB15-0308	NBIC Location: Part 1	No Attachment
General Description: Create Guidelines for Installation of Pressure Relief Devices for Organic Fluid Vaporizers.		
Task Group: T. Patel (PM), K. Beise, B. Dobbins, B. Nutter		
Meeting Action: Mr. Cammeresi reported that no progress was made.		

Item Number: NB15-0310	NBIC Location: Part 3, 1.7.5.4	No Attachment
General Description: Give Guidance as to Which Spring Chart Should be used in Repairs.		
Task Group: A. Cox (PM), B. Nutter, M. Brodeur, T. Patel, K. Simmons, R. McCaffrey		
History:		
Meeting Action: Mr. Cammeresi reported that the task group is working on developing a proposal to be added into a supplement in NBIC Part 4.		

Item Number: NB15-0312	NBIC Location: Part 2, 2.57 and 2.5.8	No Attachment
General Description: Re-evaluate T&P Valve Inspection Requirements Based on Robert Boiko Presentation.		

Task Group: J. Ball (PM) R. Boiko, B. Anthony, A. Cox, A. Renaldo

History:

Meeting Action: Mr. Cammeresi reported that the project manager has retired, and a new project manager was assigned.

Item Number: NB15-0314 **NBIC Location: Part 1, 3.9.4.2** **No Attachment**

General Description: Review of Y-Base or Valve less Headers for Use in T&P Valve Installations.

Task Group: D. McHugh (PM), B. Nutter, D. Marek

Meeting Action: Mr. Cammeresi reported that the project manager has retired, and a new project manager was assigned. The new project manager presented a proposal, but the proposal was withdrawn so the scope of the item could be expanded.

Item Number: NB15-0315 **NBIC Location: Part 1, 4.5.6 and 5.3.6** **No Attachment**

General Description: Review isolation Valve Requirements.

Task Group: D. DeMichael (PM), B. Nutter, A. Renaldo, D. Marek

Meeting Action: Mr. Cammeresi reported that the project manager drafted a proposal, which will be discussed at the July 2016 meeting.

Item Number: NB15-0321 **NBIC Location: Part 2, 2.5.7 a)** **No Attachment**

General Description: Review testing requirements for inservice testing of pressure relief devices

Task Group: A. Cox (PM), A. Renaldo, J. Satterthwaite

Meeting Action: Mr. Cammeresi reported that a proposal was presented and voted on, but it received two negatives and failed. The task group is working to resolve those negatives.

Item Number: NB15-0324 **NBIC Location: Part 2** **No Attachment**

General Description: Based on IN15-0301; the Sub-Committee on Pressure Relief Devices recognizes a need to create guidelines for storage and shelf life with respect to inspection and testing frequencies.

Task Group: A. Renaldo (PM), B. Nutter, K. Simmons, D. Marek

Meeting Action: Mr. Cammeresi reported that the task group has interfaced with several manufacturers, and received varied information on shelf-life. The task group is working to draft a proposal that refers the owner/user back to the manufacturer for their guidelines.

Item Number: NB15-1004 **NBIC Location: All** **No Attachment**

General Description: Update “stamp” vs. “certification” language to maintain consistency with ASME code

Task Group: B. Nutter (PM), T. Beirne

Meeting Action: Mr. Cammeresi requested to close this item with no action, so long as National Board staff add language into the Introduction clarifying “stamp” vs. “certification.” This item was closed with no action by a unanimous vote of the NBIC Committee.

Item Number: NB15-2401	NBIC Location: Part 3, 4.5.2	No Attachment
General Description: Steam set on air by non owner-user.		
Task Group: R. Donalson (PM), T. Patel, A. Cox		
Meeting Action: Mr. Cammeresi reported that no progress was made.		

iii. **Action Items – New Business**

Item Number: NB15-3201	NBIC Location: Part 2, S8.2	No Attachment
General Description: Address pressure calculations in Part 2, S8.2		
Task Group: A. Renaldo (PM)		
Meeting Action: Mr. Adam Renaldo reported that there were errors in the Part 2, S8.2 calculations. A proposal with corrections to this item will be presented at the July 2016 meeting.		

8. Liaison Activities

a. American Society of Mechanical Engineers BPV Code (ASME BPV)

Mr. Paul Edwards earlier left the meeting, so Mr. Wielgoszinski presented the ASME liaison report in his stead. He stated that the CA-1 standard is now a valid document and referenced in all of the code sections. ASME code committees are working towards referencing CA-1 as an evergreen standard. Additionally, ASME has released a new Certificate “PRT” for a part fabricator that takes no design responsibility. Work is ongoing with clarifying the scopes on the “PRT” certificates. Mr. Wielgoszinski reported on potential interim audits for AIAs between triennial reviews. He also reported that a QAI task group is currently working to develop uniform AI/ANI inspection requirements. Mr. Wielgoszinski reported that ASME has published the ANDE-1 standard for the certification of NDE personnel. A testing program for this standard is currently in development. He also reported on ASME’s work to develop a generic definition for “field sites”, and what activities can be performed at these sites. ASME is also currently developing Section XIII, “*Rules for Overpressure Protection.*” (Attachment Pages 590-592)

b. American Welding Society (AWS)

Mr. Jim Sekely earlier left the meeting, so Mr. Cook read his short report to the committee. (Attachment Page 593)

c. American Petroleum Institute (API)

Mr. Riley was not present at the meeting, and no report was given.

9. Future Meetings

Mr. Cook reported that the dates and locations for the two upcoming meetings are as follows:

July 18-21, 2016 – Columbus, Ohio

January 9-12, 2017 – San Diego, California

10. Adjournment

Prior to adjournment, Mr. Cook thanked Mr. Mark Clemens for his technical support for the meeting. Mr. Pillow thanked the secretaries for their contribution to the meeting. Mr. Cook stressed the importance of NBIC Committee members staying through the entire meeting in July to pass all items prior to the deadline for additions to the 2017 edition of the code. The meeting was adjourned by a unanimous vote of the NBIC Committee at 4:22pm local time.

Respectfully submitted,



Brad Besserman
NBIC Secretary